

316 Abstract

317 A multicarrier transmitter is shown having an embodiment of the invention. Sampling of  
318 modulated and amplified signals <sup>is</sup> ~~may be~~ done to obtain energy values for four or more  
319 symbols. Combining the energy values with the baseband in-phase and quadrature  
320 signals of the multiple carriers may result in a set of imbalance parameters, which are  
321 subsequently stored. Later baseband ~~in-phase~~ <sup>in-phase</sup> and quadrature signals ~~may be~~ <sup>are</sup>  
322 predistorted or compensated by applying the stored imbalance parameters to produce  
323 new compensated baseband in-phase and compensated baseband quadrature signals,  
324 which ~~may be~~ <sup>are</sup> suitable for input to an inverse fast fourier transform (IFFT) block.  
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